FORM NO. MS-5472-28
REPLACES FORM NO. MS-5472-86
FILE IN SECT. 2 OF SERVICE MANUAL

Illustrated Parts List

MODEL SERIES

144700 to 145706

TYPE NUMBERS
0015 to 0140

TYPE NUMBERS
0110 to 0121

TO FIND
THE CORRECT NUMBER OF THE PART YOU NEED:
FOLLOW THE INSTRUCTIONS BELOW.

A. Refer to Engine Model, Type and Serial Number that is stamped on the blower housing or name plate of engine. Engine type numbers such as 0147 01 are listed herein only as 0147. The two digits (01 or 02, etc.) to the right of the space are not needed for parts identification. Then use the Illustrated Parts List covering these Model Series.

B. Refer to Illustrated Parts section and compare the old part with illustration. The number on the illustration is the Reference Number. Assemblies include all parts shown in frames. All parts shown in assembly frames on which individual reference numbers are given can be purchased separately.

C. After the Reference Number has been identified, refer to the Numerical Parts List, where Reference and Master Part Numbers are listed. THE MASTER PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER "NOTE".

D. If a "Note" appears below the Master Part Number, this means that this part differs from the Master Part for certain types. If the Type Number is listed under "Note", order the part referred to.

E. If the Engine Type Number does not appear after any part number listed under "Note", use the Master Part Number.

F. For Type Numbers higher than those covered by this book, please refer to the factory if you are unable to identify the part by comparison.

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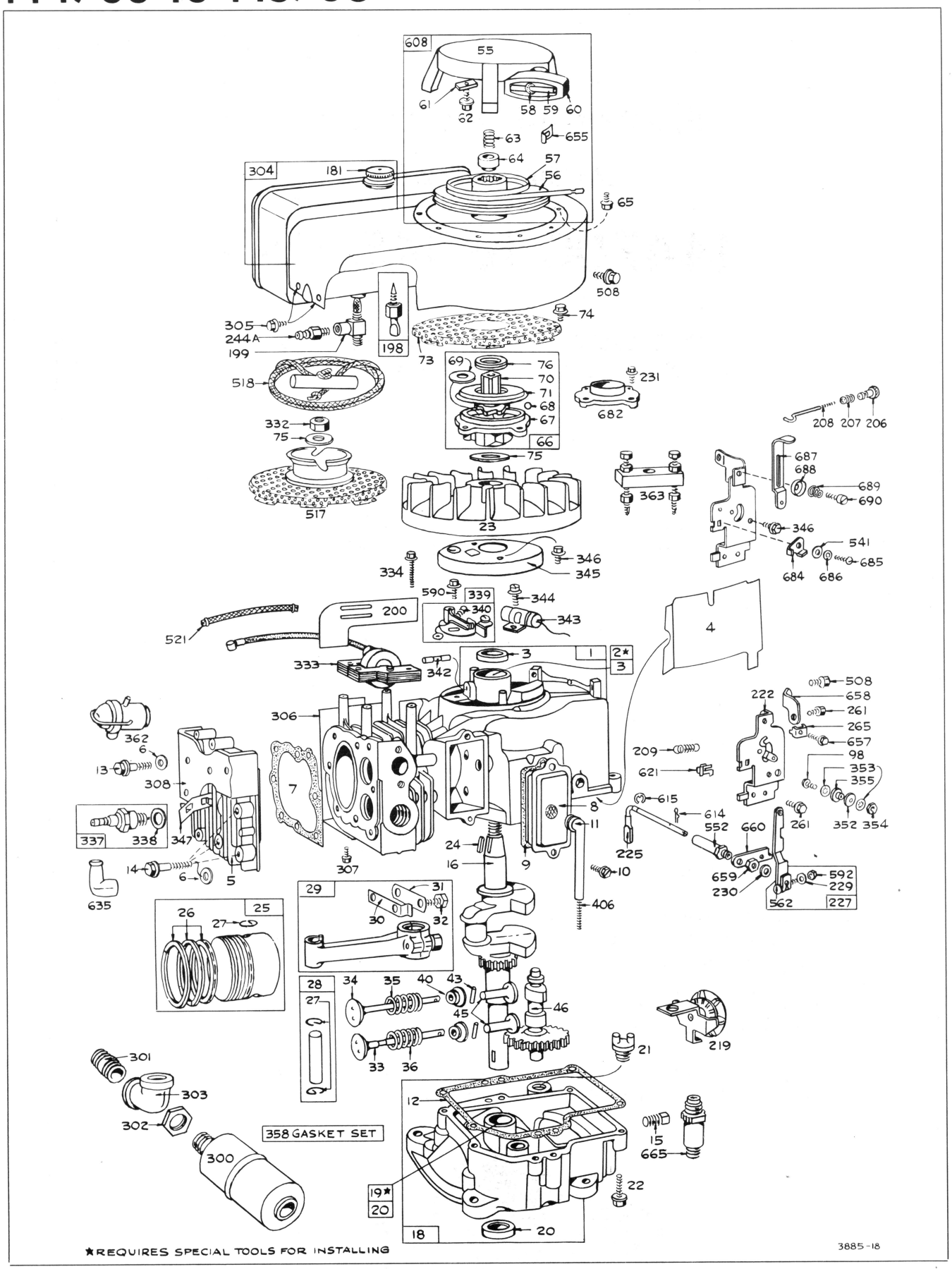
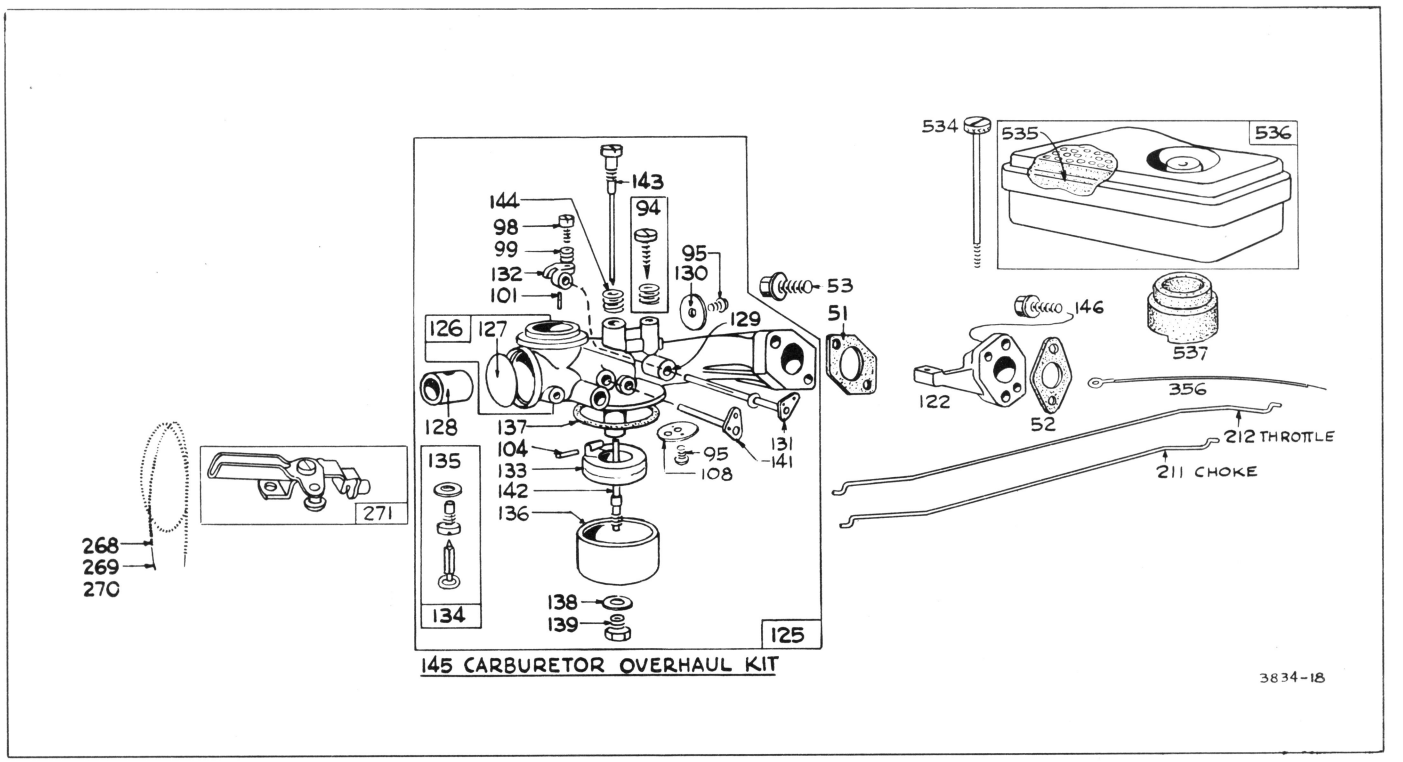
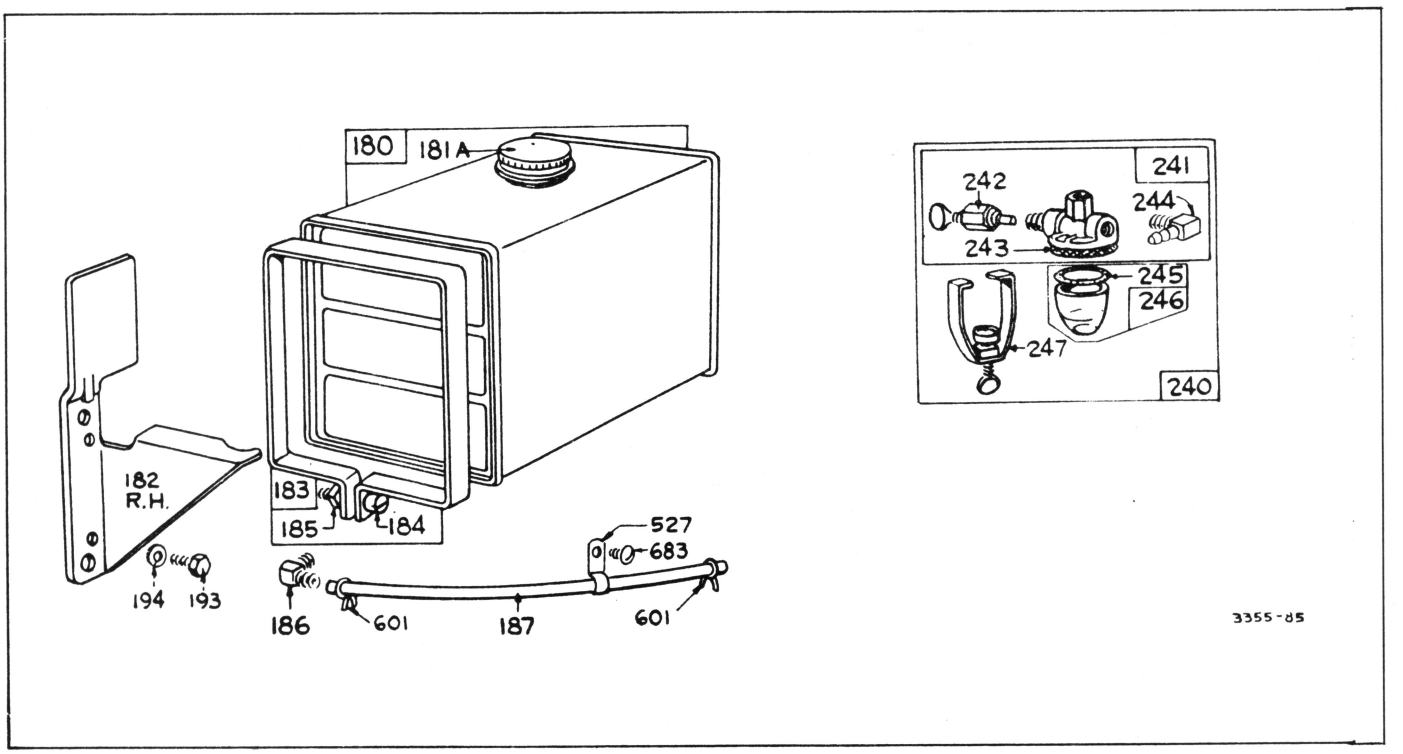
144700 to 145706



Assemblies include all parts shown in frames



Assemblies include all parts shown in frames



Assemblies include all parts shown in frames

144700 to 145706

REF. NO.	PART NO.	DESCRIPTION
1	**299281**	Cylinder Assembly (Sleeve Bore) Used on **Model 145700** Series.
	299218	Cylinder Assembly "Kool-Bore*" Used on **Model 144700** Series.
2	**295962**	Bushing–Cylinder
	Note:	Requires special tools for installation.
3	**294606**	Seal–Oil
4	**221001**	Plate–Cylinder
5	**210578**	Head–Cylinder
6	**22963**	Washer–Plain
7	**†270340**	Gasket–Cylinder Head
8	**294988**	Breather Assembly
9	**†27803**	Gasket–Valve Cover
10	**93394**	Screw–Breather Mtg. Sem
11	**67158**	Tube–Breather
12	**†27750**	Gasket–Crankcase Cover–1/64" thick
	†27876	Gasket–Crankcase Cover–.005" thick
	†27877	Gasket–Crankcase Cover–.009" thick
13	**93210**	Screw–Cylinder Head (2-3/16" long)
14	**93211**	Screw–Cylinder Head (2-9/16" long)
15	**91084**	Plug–Oil Drain
16	**260356**	Crankshaft
	Note:	**260394** Crankshaft Used on **Model 144700** Series type Nos. 0121, 0134, 0136. **260498** Crankshaft Used on **Model 144700** Series type Nos. 0120, 0129. **260506** Crankshaft Used on **Model 144700** Series type Nos. 0122, 0131, 0132. **260536** Crankshaft Used on **Model 144700** Series type No. 0130. **260818** Crankshaft Used on **Model 144700** Series type No. 0127.

* Trademark of Briggs & Stratton Corp.

REF. NO.	PART NO.	DESCRIPTION
18	**298616**	Sump–Oil
	Note:	**296594** Sump–Oil Used on **Model 144700** Series type Nos. 0120, 0130.
19	**295963**	Bushing–Oil Sump
	Note:	Requires special tools for installation.
20	**298423**	Seal–Oil
21	**66768**	Plug–Oil Filler
22	**93205**	Screw–Sump Mtg. Sem
23	**298260**	Flywheel
24	**61760**	Key–Flywheel
25		**Model 145700 Series Piston Assemblies (Sleeve Bore)**
	295842	Piston Assy.–Standard
	295846	Piston Assembly–.010" O.S.
	295848	Piston Assembly–.020" O.S.
	295850	Piston Assembly–.030" O.S.
		Model 144700 Series Piston Assemblies "Kool-Bore*"
	297692	Piston Assy.–Standard
	297693	Piston Assembly–.010" O.S.
	297694	Piston Assembly–.020" O.S.
	297695	Piston Assembly–.030" O.S.
26		**Model 145700 Series Piston Ring Sets (Sleeve Bore)**
	Note:	For Chrome Piston Ring Set – Standard Size – order Part No. 298451.
	295852	Ring Set–Piston–Std. Includes: **210703** Ring–Piston, Comp., Top & Center, Standard **295843** Ring–Piston, Oil, Standard (w/expander)

REF. NO.	PART NO.	DESCRIPTION
	295853	Ring Set–Piston–.010" O.S. Includes: **210889** Ring–Piston, Comp., Top & Center, .010" O.S. **295847** Ring–Piston, Oil, .010" O.S. (w/expander)
	295854	Ring Set–Piston–.020" O.S. Includes: **210893** Ring–Piston, Comp., Top & Center, .020" O.S. **295849** Ring–Piston, Oil, .020" O.S. (w/expander)
	295855	Ring Set–Piston–.030" O.S. Includes: **210897** Ring–Piston, Comp., Top & Center, .030" O.S. **295851** Ring–Piston, Oil, .030" O.S. (w/expander)
		Model 144700 Series Piston Ring Sets "Kool-Bore*"
	Note:	For Chrome Piston Ring Set – Standard Size – order Part No. 298745.
	297815	Ring Set–Piston–Std. Consists of: **210600** Ring, Piston, Comp., Top, Std. **211037** Ring, Piston, Comp., Center, Standard

† Included in Gasket Set–Part No. 295970.

REF. NO.	PART NO.	DESCRIPTION
		210602 Ring, Piston, Oil, Std.
	297705	Ring Set—Piston—.010" O.S.
		Consists of: **211241** Ring, Piston, Comp., Top, .010" O.S.
		211244 Ring, Piston, Comp., Center, .010" O.S.
		211247 Ring, Piston, Oil, .010" O.S.
	297706	Ring Set—Piston—.020" O.S.
		Consists of: **211242** Ring, Piston, Comp., Top, .020" O.S.
		211245 Ring, Piston, Comp., Center, .020" O.S.
		211248 Ring, Piston, Oil, .020" O.S.
	297707	Ring Set—Piston—.030" O.S.
		Consists of: **211243** Ring, Piston, Comp., Top, .030" O.S.
		211246 Ring, Piston, Comp., Center, .030" O.S.
		211249 Ring, Piston, Oil, .030" O.S.
27	**68546**	Lock—Piston Pin
28	**295840**	Pin Assy.—Standard
	295841	Pin Assy.—.005" O.S.
29	**295839**	Rod Assy.—Connecting
30	**221725**	Dipper—Connecting Rod
31	**220811**	Lock—Conn. Rod Screw
32	**92659**	Screw—Conn. Rod
33	**230385**	Valve Exhaust
34	**230386**	Valve—Intake
35	**65906**	Spring—Intake Valve
36	**65906**	Spring—Exhaust Valve
40	**230477**	Retainer—Valve Spring
43	**230476**	Pin—Valve Spring Ret.
45	**260125**	Tappet—Valve
46	**210728**	Gear—Cam
51	**†27355**	Gasket—Intake Elbow
52	**†27828**	Gasket—Intake Elbow Mounting
53	**93357**	Screw—Carburetor to Spacer Mounting Sem
55	**295272**	Housing—Rewind Starter
56	**295871**	Pulley—Rewind Starter
57	**294303**	Spring—Rewind Starter
58	**66564**	Rope—Rewind Starter (63" long)
	Note:	If longer rope is needed, order No. 66574 and cut to required length.
59	**230228**	Pin—Starter Grip
60	**66728**	Grip—Starter Rope
61	**68848**	Bumper—Starter Pulley
62	**93254**	Screw—Pulley Bumper Mounting Sem
63	**260414**	Spring—Ratchet
64	**230543**	Adapter—Ratchet Spring
65	**93163**	Screw—Rewind Starter Housing Mounting Sem
66	**298798**	Clutch Assembly—Rewind Starter Used after Serial No. 6601171.
	Note:	**295684** Clutch Assy.—Rewind Starter Used before Serial No. 6601181.
67	**211383**	Housing—Rewind Starter Clutch Used after Serial No. 6601171.
	Note:	**210400** Housing—Rewind Starter Clutch Used before Serial No. 6601181.
68	**63770**	Ball—Clutch
69	**66718**	Washer—Starter Clutch, Thrust
70	**298799**	Ratchet—Rewind Starter Used after Serial No. 6601171.
	Note:	**296916** Ratchet—Rewind Starter Clutch Used before Serial No. 6601181.
71	**221653**	Washer—Retainer Used after Serial No. 6601171.
	Note:	**221301** Washer—Retainer Used before Serial No. 6601181.
		Uses: **26032** Ring—Clutch Retainer
73	**221796**	Screen—Rewind Starter Used after Serial No. 6601171.
	Note:	**220823** Screen—Rewind Starter Used before Serial No. 6601181.
74	**93042**	Screw—Rotating Screen Mounting Sem
75	**220865**	Washer—Spring
76	**68238**	Washer—Ratchet Sealing
94	**‡292681**	Valve Assembly—Carburetor Idle
95	**93038**	Screw—Throttle and Choke Valve Mtg. Sem
98	**91920**	Screw—Machine, Fill. Hd. 8-32 x 5/8"
99	**26157**	Spring—Throttle Adjustment
101	**93043**	Pin—Throttle Stop
104	**‡23114**	Pin—Float Hinge

† Included in Gasket Set—Part No. 295970.

‡ Included in Carburetor Overhaul Kit—Part No. 298951.

144700 to 145706

REF. NO.	PART NO.	DESCRIPTION
108	220773	Valve—Choke (Choke-A-Matic only)
	Note:	**221421** Valve—Choke Used on **Model 144700** Series type Nos. 0110, 0111, 0120, 0122, 0128, 0129; also used on **Model 145700** Series type Nos. 0110, 0111, 0120.
122	210596	Spacer, Intake Elbow
125	299182	Carburetor Assembly (Choke-A-Matic)
	Note:	**299184** Carburetor Assy. (Manual Choke) Used on **Model 144700** Series type Nos. 0110, 0111, 0120, 0122, 0128, 0129, 0130, 0132, 0135; also used on **Model 145700** Series type Nos. 0110, 0111, 0120.
126	294712	Body Assembly—Upper Carburetor
127	‡220751	Plug—Welch
128	211182	Venturi—Carburetor
129	23230	Bushing—Throttle Shaft
130	220791	Valve—Throttle
131	298915	Shaft and Lever—Throttle
132	61967	Stop—Throttle
133	293477	Float—Carburetor
134	‡293478	Valve and Seat—Fuel Inlet
135	‡68877	Gasket—Inlet Valve Seat
136	220761	Bowl—Carburetor Float
137	‡27682	Gasket—Float Bowl
138	‡221172	Gasket—Float Bowl Mtg.
139	93086	Screw—Carb. Bowl Mtg.
141	298945	Shaft and Lever—Choke
	Note:	**294874** Valve, Shaft and Lever—Choke (Manual) Used on **Model 144700** Series type Nos. 0110, 0111, 0120, 0122, 0128, 0129, 0130, 0132; also used on **Model 145700** Series type Nos. 0110, 0111, 0120.
	Uses:	**23270** Screw—Choke Lever
		26229 Spring—Choke Lever
		221421 Valve—Choke
		220899 Washer
142	‡298947	Nozzle—Carburetor
143	‡294473	Valve—Needle
144	260256	Spring—Needle Valve
145	298951	Carburetor Overhaul Kit
146	93329	Screw—Carburetor Assy. Mounting Sem
171	92129	Nut—Hex. —1/4-28
180	290816	Tank Assy. —Fuel
181	293270	Cap—Fuel Tank
181A	69221	Cap—Fuel Tank
182	221087	Bracket—Fuel Tank, R. H.
	221088	Bracket—Fuel Tank, L. H.
	Note:	**220858** Bracket—Fuel Tank Used on **Model 144700** Series type No. 0138.
183	291367	Strap Assy. —Fuel Tank
184	91257	Screw—Machine, Fill. Hd. —1/4-20 x 1-1/2"
185	90970	Nut—Square, 1/4-20
186	67218	Connector—Fuel Pipe
	Note:	**63377** Connector—Fuel Pipe Used on **Model 144700** Series type Nos. 0125, 0130, 0137.
187	296004	Pipe—Fuel
	Note:	**295995** Pipe—Fuel Used on **Model 144700** Series type No. 0130.
189	90366	Washer—Lock—5/16 x 1/8 x 1/16"
192	91397	Nut—Hex. 5/16-18
193	90681	Screw—Cap, Hex. Hd., 5/16-18 x 5/8"
194	90366	Washer—Lock—5/16 x 1/8 x 1/16"
198	293934	Valve—Fuel Shut-Off
199	295896	Outlet—Fuel Tank (Includes Strainer)
200	221760	Guide—Air
206	230149	Nut—Gov. Control Rod
207	26855	Spring—Gov. Control Rod
208	230853	Rod—Governor Control
209	260723	Spring—Governor
	Note:	**260871** Spring—Governor Used on type Nos. 0124, 0137.
211	260893	Link—Choke
212	260888	Link—Governor
219	298614	Oil Slinger, Gov. Gear and Bracket Assembly
222	298997	Plate—Governor Control
	Note:	**298998** Plate—Governor Control Used on **Model 144700** Series type Nos. 0015, 0121, 0123, 0124, 0125, 0126, 0127, 0131, 0134, 0136, 0137, 0138, 0139.
225	230759	Shaft—Governor Lever
227	298303	Lever Assy. —Governor
229	220680	Washer
230	221559	Washer—Governor Lever
231	93064	Screw—Sem
240	293964	Filter Assy. —Fuel
	Note:	**295984** Filter Assy. —Fuel Used on **Model 144700** Series type Nos. 0128, 0138.
241	293966	Cover Assy. —Fuel Filter
	Note:	**296005** Cover Assy. —Fuel Filter Used on **Model 144700** Series type Nos. 0128, 0138.
242	295913	Valve—Fuel Shut-Off
243	22547	Screen—Fuel Filter
244	63377	Connector—Fuel Pipe
	Note:	**230318** Connector—Fuel Pipe Used on **Model 144700** Series type Nos. 0128, 0138.
244A	230318	Connector—Fuel Pipe
245	†68477	Gasket—Fuel Filter Bowl
246	298683	Bowl—Fuel Filter
247	99665	Yoke—Fuel Filter
261	93105	Screw—Sem
265	221535	Clamp—Casing
268	65616	Casing—Control Wire—72" long
	Note:	If longer casing is required, specify length

‡ Included in Carburetor Overhaul Kit—Part No. 298951.

† Included in Gasket Set—Part No. 295970.

REF. NO.	PART NO.	DESCRIPTION
		in inches; if shorter wire is needed, order No. 65616 and cut to required length.
269	26633	Wire—Control—78" long
	Note:	If longer wire is required, specify length in inches; if shorter wire is needed, order No. 26633 and cut to required length.
270	63426	Locknut—Control Wire Casing
271	290568	Lever Assy.—Control
300	294599	Muffler—Exhaust
	Note:	**297274** Muffler—Exhaust Used on **Model 144700** Series type No. 0124.
301	91245	Nipple—Exhaust
302	91242	Locknut—Muffler and Elbow
303	91205	Elbow—Muffler—45°
	Note:	**91464** Elbow—Muffler, 90° Street Used on **Model 144700** Series type Nos. 0126, 0139.
304	295898	Housing—Blower
	Note:	**294605** Housing—Blower Used on **Model 144700** Series type Nos. 0015, 0125, 0128, 0130, 0137, 0138.
305	93158	Screw—Blower Housing Mounting Sem
306	221005	Shield—Cylinder
307	93163	Screw—Cylinder Shield Mounting Sem
308	220824	Cover—Cylinder Head
332	92284	Nut
333	298968	Armature Assembly
334	93381	Screw—Armature Mounting Sem
337	298809	Plug—Spark (1-1/2" High—38 M. M.)
	Note:	**29693** Plug—Spark (2" High—51 M. M.)
338	29806	Gasket—Spark Plug
339	29667	Breaker Assy.—Ignition
340	26018	Spring—Breaker Arm
342	65704	Plunger—Breaker Point
343	29861	Condenser
344	93370	Screw—Condenser Mounting Sem
345	221046	Cover—Breaker Point
346	93014	Screw—Breaker Point Cover Mounting Sem
347	221808	Switch—Stop
352	66068	Washer—Insulating
353	92791	Washer—Lock—Shakeproof
354	90576	Nut—Hex.—8-32
355	66554	Collar—Insulating
356	295413	Wire—Ground
358	295970	Gasket Set
362	291630	Shield—Spark Plug (with stop switch)
363	19165	Puller—Flywheel
380	62199	Washer—Plain
406	260386	Spring—Breather Tube
508	93294	Screw—Blower Housing Mounting Sem (Used at bottom holes)
517	295423	Pulley—Rope Starter (with screen)
518	69932	Rope—Starter
521	298529	Shielding—Ignition Cable
527	221428	Clamp—Fuel Pipe
534	93324	Screw—Air Cleaner
535	27987	Element—Air Cleaner
536	297036	Cleaner Assy.—Air
537	27994	Gasket—Air Cleaner
541	22398	Washer
552	230761	Bushing—Gov. Shaft
562	92613	Bolt—Governor Lever
590	93226	Screw—Breaker Mounting Sem
592	90356	Nut—Hex. 10-24
601	93053	Clamp—Hose
608	295001	Starter Assy.—Rewind
614	93306	Cotter—Hair Pin
615	93307	Retainer—E-Ring
621	297472	Switch—Stop
635	66538	Elbow—Spark Plug
655	221014	Anchor—Spring
657	93496	Screw—Sem
658	221576	Strap—Control Plate
	Note:	**221827** Bracket—Control Plate Used on **Model 144700** Series type Nos. 0015, 0121, 0122, 0123, 0124, 0125, 0126, 0127, 0131, 0134, 0138, 0139; also used on **Model 145700** Series type No. 0120.
659	93390	Nut—Gov. Shaft Bushing
660	221577	Bracket—Control Plate
665	296768	Oil Minder
682	211516	Shield—Starter Clutch
683	93351	Screw
684	221781	Stop—Control Lever
685	93524	Screw—Rd. Hd.
686	91622	Washer—Lock
687	298957	Slide—Friction Control
688	221766	Cap—Friction Spring
689	260847	Spring—Friction
690	92484	Screw—Machine, Fil. Hd.—10-32 x 1/2"

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